

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: November 14, 2008

(use as many sheets as necessary)

Sheet 1 of 10

Complete if Known

Application Number	09/896,797
Filing Date	6/29/2001
First Named Inventor	John Trezza
Art Unit	2613
Examiner Name	Agustin Bello
Attorney Docket Number	088245-4667

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		3,825,318	7/23/1974	Croset et al.	
		4,202,007	5/6/1980	Dougherty et al.	
		4,230,385	10/28/1980	Ammon et al.	
		4,481,403	11/6/1984	Del Monte	
		4,719,498	1/12/1988	Wada et al.	
		4,741,595	5/31/1998	Onoda et al.	
		4,744,627	5/17/1988	Chande et al.	
		4,815,805	3/28/1989	Levinson et al.	
		4,842,360	6/27/1989	Caro et al.	
		4,966,432	10/30/1990	Okada et al.	
		5,091,018	2/25/1992	Fraas et al.	
		5,100,480	3/31/1992	Hayafuji	
		5,136,152	8/4/1992	Lee	
		5,149,958	9/22/1992	Hallenbeck et al.	
		5,175,928	1/5/1993	Grabbe	
		5,212,707	5/18/1993	Heidel et al.	
		5,214,730	5/25/1993	Nagasawa et al.	
		5,243,681	9/7/1993	Bowen et al.	
		5,268,786	12/7/1993	Matsushita et al.	
		5,259,052	11/2/1993	Briggs et al.	
		5,319,655	6/7/1994	Thornton	
		5,359,208	10/25/1994	Katsuki et al.	
		5,379,361	1/3/1995	Maekawa et al.	
		5,400,429	3/21/1995	Ames et al.	
		5,408,319	4/18/1995	Halbout et al.	
		5,416,624	5/16/1995	Karstensen	
		5,434,939	7/18/1995	Matsuda	
		5,470,787	11/1995	Greer	
		5,472,914	12/5/1995	Martin et al.	
		5,473,716	12/5/1995	Lebby et al.	
		5,475,701	12/12/1995	Hibbs-Brenner	
		5,479,288	12/26/1995	Ishizuka et al.	
		5,488,504	1/30/1996	Worchesky et al.	
		5,491,712	2/13/1996	Lin et al.	
		5,521,734	5/28/1996	Frigo	
		5,523,628	06/04/1996	Williams et al.	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

Date Submitted: November 14, 2008

(use as many sheets as necessary)

Sheet 2 of 10

Complete if Known

Application Number	09/896,797
Filing Date	6/29/2001
First Named Inventor	John Trezza
Art Unit	2613
Examiner Name	Agustin Bello
Attorney Docket Number	088245-4667

U.S. PATENT DOCUMENTS

Document Number		
5,568,574	10/22/1996	Tanguay et al.
5,577,064	11/19/1996	Swirhun et al.
5,579,426	11/26/1996	Li et al.
5,598,965	02/1997	Scheu
5,608,264	03/04/1997	Gaul
5,612,968	3/18/1997	Zah
5,613,024	3/18/1997	Shahid
5,617,492	4/1/1997	Beach et al.
5,633,967	5/27/1997	Haruta
5,635,014	06/1997	Taylor
5,636,052	6/3/1997	Arney et al.
5,664,039	9/2/1997	Grinderslev et al.
5,671,311	9/23/1997	Stillie et al.
5,674,778	10/7/1997	Lee et al.
5,708,569	01/13/1998	Howard et al.
5,729,038	3/17/1998	Young et al.
5,743,785	4/28/1998	Lundberg et al.
5,751,757	5/12/1998	Jiang et al.
5,761,350	6/2/1998	Koh
5,764,392	6/9/1998	Van As et al.
5,853,626	12/29/1998	Kato
5,861,968	1/19/1999	Kerklaan et al.
5,909,294	6/1/1999	Doerr et al.
5,914,976	6/22/1999	Jayaraman et al.
5,962,846	10/5/1999	Goossen
5,963,793	10/05/1999	Rinne
5,978,401	11/2/1999	Morgan
6,018,604	1/25/2000	Ja
6,021,149	2/1/2000	Miyazaki et al.
6,022,760	2/8/2000	Lebby et al.
6,023,361	2/8/2000	Ford et al.
6,046,659	4/4/2000	Loo et al.
6,075,710	6/13/2000	Lau
6,084,848	7/4/2000	Goto
6,153,927	11/28/2000	Raj et al.
6,167,075	12/26/2000	Craig et al.
6,174,424	1/16/2001	Wach et al.
6,184,066	2/6/2001	Chino et al.
6,188,118	02/2001	Severn

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

Date Submitted: November 14, 2008

(use as many sheets as necessary)

Complete if Known

Application Number	09/896,797
Filing Date	6/29/2001
First Named Inventor	John Trezza
Art Unit	2613
Examiner Name	Agustin Bello
Attorney Docket Number	088245-4667

Sheet 3 of 10

U.S. PATENT DOCUMENTS

Document Number		
6,246,813	6/12/2001	Zheng
6,292,529	9/18/2001	Marcovici et al.
6,296,779	10/2/2001	Clark et al.
6,317,235	11/13/2001	Hamilton
6,318,909	11/20/2001	Giboney et al.
6,324,316	11/27/2001	Fouquet et al.
6,328,482	12/11/2001	Jian
6,379,053	4/30/2002	van Doorn
6,423,561	7/23/2002	Chino et al.
6,438,150	8/20/2002	Yoo
6,440,767	8/27/2002	Loo et al.
6,442,306	8/27/2002	Dautartas et al.
6,451,626	09/17/2002	Lin
6,479,844	11/12/2002	Taylor
6,483,862	11/19/2002	Aronson et al.
6,485,993	11/26/2002	Trezza et al.
6,498,089	12/24/2002	Komada
6,504,975	1/7/2003	Yamagata et al.
6,522,794	2/18/2003	Bischel et al.
6,532,101	3/11/2003	Islam et al.
6,544,371	04/08/2003	Senoo
6,553,044	4/22/2003	Eden
6,558,976	5/6/2003	Shrauger
6,586,090	07/01/2003	Nakagawa et al.
6,635,960	10/21/2003	Farrar
6,666,590	12/23/2003	Brosnan
6,686,654	02/03/2004	Farrar
6,751,379	6/15/2004	Capewell et al.
6,768,403	7/27/2004	Hsu et al.
6,780,280	08/10/04	Halterbeck et al.
6,785,447	8/31/2004	Yoshimura et al.
6,888,170	5/3/2005	Schaff et al.
6,967,307	11/22/2005	Hembree et al.
6,993,258	1/31/2006	Payne et al.
7,012,943	3/14/2006	Tran et al.
7,042,643	5/9/2006	Miles
7,107,666	09/19/2006	Hiatt et al.
7,170,183	1/30/2007	Kim Bong Chan
7,157,372	01/02/2007	Trezza

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: November 14, 2008

(use as many sheets as necessary)

Sheet 4 of 10

Complete if Known

Application Number	09/896,797
Filing Date	6/29/2001
First Named Inventor	John Trezza
Art Unit	2613
Examiner Name	Agustin Bello
Attorney Docket Number	088245-4667

U.S. PATENT DOCUMENTS

Document Number		
7,227,213	06/05/2007	Mastromatteo et al.
7,242,099	07/10/2007	Lin
7,276,787	10/02/2007	Edelstein et al.
7,294,531	11/13/2007	Hwang et al.
7,300,865	11/27/2007	Hsieh et al.
7,371,676	5/13/2008	Hembree
2001/0051026	12/13/2001	Steinberg et al.
2002/0090749	7/11/2002	Simmons
2002/0141011	10/3/2002	Green et al.
2004/0029304	02/2004	Naydenkov et al.
2005/0094926	5/5/2005	Dominic et al.
2005/0230804	10/20/2005	Tanida et al.
2006/0128061	06/2006	Ravi et al.
2006/0278988	12/14/2006	Trezza
2006/0289990	12/28/2006	Farrar
2007/0096263	05/2007	Furukawa et al.
2007/0278641	12/06/2007	Trezza
2008/0029851	02/2008	Kirby et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		DE 19838430	3/9/2000	Fraunhofer Ges Forschung		
		DE 3634187	4/7/1988	Kropp		
		JP 11-307869	11/5/1999	Furukawa Electric Co. Ltd.		
		JP 11-163528	6/18/1999	Ibiden Co. Ltd.		
		JP 08-111559	4/30/1996	Hitachi Ltd.		
		JP 08-181372	7/12/1996	Hitachi Ltd.		
		JP 04-003029	1/8/1992	Fujitsu Ltd.		
		JP 04-107974	4/9/1992	Fujitsu Ltd.		
		JP 2000-307025	11/2/2000	Matsushita Electric Ind. Co. Ltd.		
		EP 0760544	3/5/1997	Kabushiki Kaisha Toshiba		
		EP 0987800	3/22/2000	Seiko Epson Corp.		
		WO 01/69675	9/20/2001	Kevin Kwong Tai Chung		
		WO 99/15926	4/1/1999	Althaus et al.		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

Date Submitted: November 14, 2008

(use as many sheets as necessary)

Sheet 5 of 10

Complete if Known

Application Number	09/896,797
Filing Date	6/29/2001
First Named Inventor	John Trezza
Art Unit	2613
Examiner Name	Agustin Bello
Attorney Docket Number	088245-4667

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
		Copy of the First Office Action in Chinese Application No. 028130987 dispatched on September 15, 2006.	
		Copy of the Second Office Action in Chinese Application No. 028130987 mailed on June 22, 2007.	
		Copy of the Third Office Action in Chinese Application No. 028130987 mailed on April 4, 2008.	
		Copy of the First Office Action for Chinese Application No. 028130901 mailed on February 24, 2006.	
		Copy of the First Office Action for Chinese Application No. 028131851 dispatched on September 1, 2006.	
		Copy of the Second Office Action for Chinese Application No 028131851 dispatched on March 16, 2007.	
		Copy of the First Office Action for Chinese Application No. 028130979 dispatched on July 15, 2005.	
		Copy of the First Office Action for Chinese Application No. 028130898 dispatched on August 12, 2005.	
		Copy of the Second Office Action for Chinese Application No. 028130898 dispatched on March 2, 2007.	
		Copy of the First Office Action for Chinese Application No. 02813100.2 dispatched on September 2, 2005.	
		Copy of the Communication for EP Application No. 02 73 9971.6 dated March 15, 2006.	
		Copy of the Communication for EP Application No. 02 73 9971.6 dated May 20, 2005.	
		Copy of the Communication for EP Application No. 02 73 9971.6 dated August 2, 2004.	
		Copy of the Supplementary European Search Report for EP Application No. 02 74 9716 completed on February 13, 2007.	
		Copy of the Supplementary European Search Report for EP Application No. 02 74 9717 completed on January 26, 2005.	
		Copy of the Communication for EP Application No. 02 74 9717.1 dated March 24, 2005.	
		Copy of the Communication for EP Application No. 02 74 9717.1 dated December 23, 2005.	
		Copy of the Supplementary European Search Report for EP Application No. 02 75 3369 completed on July 7, 2005.	
		Copy of the Supplementary European Search Report for EP Application No. 02 79 8907 completed on July 13, 2005.	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: November 14, 2008

(use as many sheets as necessary)

Sheet 6 of 10

Complete If Known

Application Number	09/896,797
Filing Date	6/29/2001
First Named Inventor	John Trezza
Art Unit	2613
Examiner Name	Agustin Bello
Attorney Docket Number	088245-4667

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
		Copy of the Supplementary European Search Report for EP Application No. 02 75 3370 completed on February 8, 2007.	
		Copy of the Communication for EP Application No. 02 75 3370.2 dated May 7, 2007.	
		Copy of the Communication for EP Application No. 02 75 6474.9 dated August 6, 2008.	
		Copy of the Communication for EP Application No. 02 75 6474.9 dated March 10, 2005.	
		Copy of the Supplementary European Search Report for EP Application No. 04 81 6927.0 completed on January 10, 2008.	
		Copy of the Communication for EP Application No. 04 81 6927.0 dated on April 10, 2008.	
		Copy of the International Search Report and Written Opinion for PCT/US2002/020112 mailed on December 13, 2002.	
		Copy of the International Preliminary Examination Report for PCT/US2002/020112 completed November 13, 2003.	
		Copy of the International Search Report for PCT/US2002/020695 mailed on October 18, 2002.	
		Copy of the Written Opinion for PCT/US2002/020695 mailed on May 1, 2003.	
		Copy of the International Preliminary Examination Report for PCT/US2002/020695 completed on August 8, 2003.	
		Copy of the International Search Report for PCT/US2002/020696 mailed on December 12, 2002.	
		Copy of the International Preliminary Examination Report for PCT/US2002/020696 completed on March 4, 2003.	
		Copy of the International Search Report for PCT/US2002/020699 mailed on November 7, 2002.	
		Copy of the International Preliminary Examination Report for PCT/US2002/020699 completed on March 7, 2003.	
		Copy of the International Search Report for PCT/US2002/022051 mailed on November 27, 2002.	
		Copy of the International Preliminary Examination Report for PCT/US2002/022051 completed on March 17, 2004.	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

Date Submitted: November 14, 2008

(use as many sheets as necessary)

Sheet 7 of 10

Complete If Known

Application Number	09/896,797
Filing Date	6/29/2001
First Named Inventor	John Trezza
Art Unit	2613
Examiner Name	Agustin Bello
Attorney Docket Number	088245-4667

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
		Copy of the International Search Report for PCT/US2002/022089 mailed on November 5, 2002.	
		Copy of the International Preliminary Examination Report for PCT/US2002/022089 completed on March 28, 2003.	
		Copy of the International Search Report for PCT/US2002/022091 mailed on December 17, 2002.	
		Copy of the International Preliminary Examination Report for PCT/US2002/022091 completed on April 19, 2004.	
		Copy of the International Search Report and Written Opinion for PCT/US2004/034603 dated October 6, 2006.	
		Copy of the International Search Report for PCT/US2002/022291 mailed on November 7, 2002.	
		Copy of the International Preliminary Examination Report for PCT/US2002/022291 completed on February 25, 2003.	
		Copy of the International Search Report for PCT/US2002/22087 mailed on November 12, 2002.	
		Copy of the International Preliminary Examination Report for PCT/US2002/022087 completed on March 7, 2003.	
		Copy of the International Search Report for PCT/US2002/022292 mailed on January 30, 2003.	
		Copy of the International Preliminary Examination Report for PCT/US2002/022292 completed on March 7, 2003.	
		Copy of the International Search Report for PCT/US2002/022293 mailed on November 7, 2002.	
		Copy of the International Preliminary Examination Report for PCT/US2002/022293 completed on April 7, 2003.	
		Copy of the International Search Report for PCT/US2002/019887, mailed on November 5, 2002.	
		Copy of the International Search Report for PCT/US2002/020687 mailed on October 2, 2002.	
		Copy of the Written Opinion for PCT/US2002/020687 mailed on April 25, 2003.	
		Copy of the International Preliminary Examination Report for PCT/US2002/020687 completed on July 23, 2003.	
		Copy of the International Search Report and Written Opinion for PCT/US2006/23248 mailed on July 3, 2008.	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

Date Submitted: November 14, 2008

(use as many sheets as necessary)

Sheet 8 of 10

Complete if Known

Application Number	09/896,797
Filing Date	6/29/2001
First Named Inventor	John Trezza
Art Unit	2613
Examiner Name	Agustin Bello
Attorney Docket Number	088245-4667

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
		Copy of the International Search Report and Written Opinion for PCT/US2006/023363, mailed on July 2, 2008.	
		Copy of the International Search Report and Written Opinion for PCT/US2006/23246, mailed on July 3, 2008.	
		Copy of the International Search Report and Written Opinion for PCT/US2006/023368, mailed on July 11, 2008	
		Copy of the International Search Report and Written Opinion for PCT/US2008/064136, mailed on September 26, 2008.	
		Aoki et al., "Parallel and Bi-Directional Optical Interconnect Module Using Vertical Cavity Surface Emitting Lasers (VCsels) and 3-D Micro Optical Bench (MOB)", 1999 <i>Digest of the LEOS Summer Topical Meetings, Nanostructures and Quantum Dots/WDM Components/VCSELS and Microcavities/RF Photonics for CATV and HFC Systems</i> , 1999, pp. 9-10.	
		Amoson, L.B. et al., "Low-cost Multimode WDM for Local Area Networks Up to 10 Gb/s", <i>IEEE Photonics Technology Letters</i> , V. 10 No. 10 (Oct. 1998), pp. 1489-1491.	
		Ayliffe et al., "Optomechanical Electrical and Thermal Packaging of Large 2D Optoelectronic Device Arrays For Free-Space Optical Interconnects", <i>Proceedings of SPIE: Optics in Computing '98</i> , V. 3490 (May 1998), pp. 502-505.	
		Basavanahally et al. "Optoelectronic Packaging of Two-Dimensional Surface Active Devices", <i>IEEE Transactions on Components, Packaging, and Manufacturing Technology – Part B: Advanced Packaging</i> , V. 19 No. 1 (February 1996), pp. 107-115.	
		Boisset et al., "On-Die Diffractive Alignment Structures for Packaging of Microens Arrays with 2-D Optoelectronic Device Arrays", <i>IEEE Photonics Technology Letter</i> , V. 8 No. 7, July 1996, pp. 918-920.	
		Chou et al., "Multilayer High Density Flex Technology", <i>Electronic Components and Technology Conference: 1999 Proceeding</i> , June 1-4, 1999, pp. 1181-1189.	
		Cryan, C.V., "Two-Dimensional Multimode Fibre Array for Optical Interconnects", <i>IEEE Electronic Letters Online</i> , V. 34, No. 6 (March 1998), pp. 586-587.	
		Datta et al., "A Low-cost Electroless Plating Method for Producing Flip-chip Bondable and Wire-bondable Circuit Pads for Smart Pixel Application", <i>IEEE Lasers and Electro-Optics Society Annual Meeting, LEOS '98</i> , Orlando Florida, December 1-4, 1998, pp. 99-100.	
		Fiore, A. et al. "Postgrowth Tuning of Semiconductor Vertical Cavities for Multiple-Wavelength Laser Arrays", <i>IEEE Journal of Quantum Electronics</i> , V. 35 No. 4 (April 1999), pp. 616-623.	
		Geib, K.M. et al. "Monolithically Integrated VCELs and Photodetectors for Microsystem Applications", <i>Lasers and Electro-Optics Society Annual Meeting, IEEE</i> , Orlando, December 1-4, 1998, V. 2, pp. 27-28.	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: November 14, 2008

(use as many sheets as necessary)

Sheet 9 of 10

Complete if Known

Application Number	09/896,797
Filing Date	6/29/2001
First Named Inventor	John Trezza
Art Unit	2613
Examiner Name	Agustin Bello
Attorney Docket Number	088245-4667

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
		Giboney, K.S., "Parallel-Optical Interconnect Development at HP Laboratories", <i>Proceedings of SPIE: Optoelectronic Interconnects and Packaging IV</i> , V. 3005 (April 1997), pp. 193-201.	
		Goldstein et al., "Fluxless Flip-Chip for Multichip Modules", <i>IEEE Multi-Chip Module Conference Proceedings</i> , Santa Cruz CA, Feb. 6-7, 1996, pp. 39-43.	
		Hall et al., "Packaging of VCSEL, MC-LED and Detector 2-D Arrays", <i>IEEE: Electronic Components and Technology Conference</i> , Seattle WA, May 25-28, 1998, pp. 778-782.	
		Hayashi et al., "Optical Module with MU Connector Interface Using Self-Alignment Technique by Solder-Bump Chip Bonding", <i>Electronic Components and Technology Conference</i> , Orlando FL, May 28-31, 1996, pp. 13-19.	
		Imler et al., "Precision Flip-chip Solder Bump Interconnects for Optical Packaging", <i>IEEE Electronic Components and Technology Conference</i> , San Diego CA, May 18-20, 1992, pp. 508-512.	
		Ishida et al., "Two-Dimensionally Arranged 24-Fiber Optical Connectors", <i>Conference on Optical Fiber Communication: OFC '97</i> , Dallas Texas, Feb. 16-21, 1997, pp. 189-190.	
		Jöhnc et al., "8X8 POF Based Interchip Interconnection with 2.5 Gbit/s Per Channel Data Transmission", <i>24th European Conference On Optical Communication</i> , Madrid Spain, September 20-24, 1998, pp. 35-36.	
		Kosaka et al., "Plastic-Based Receptacle-Type VCSEL-Array Modules with One and Two Dimensions Fabricated Using the Self-Alignment Mounting Technique", <i>47th Proceedings of the IEEE Electronic Components and Technology Conference</i> , San Jose CA, May 18-21, 1997, pp. 382-390.	
		Koyabu et al. "Fabrication of Two-Dimensional Fiber Arrays Using Microferrules", <i>IEEE Transaction on Components, Packaging, and Manufacturing Technology: Part C</i> , V 21, No. 1 (Jan. 1998), pp. 11-19.	
		Kudo et al., "Multiwavelength Microarray Semiconductor Lasers", <i>Electronics Letters, IEEE Stevenage</i> , V. 34, No. 21, October 15, 1998, pp. 2037-2038.	
		Lee et al. "Self-Aligned Integration of 8 x 1 Micromachined Micro-Fresnel Lens Arrays and 8 x 1 Vertical Cavity Surface Emitting Laser Arrays for Free-Space Optical Interconnect", <i>Electron Devices Meeting, IEDM '94 Technical Digest, International</i> , San Francisco, December 11-14, 1994, pp. 761-764.	
		Liu et al., "Design, Implementation and Characterization of a Hybrid Optical Interconnect for a Four-Stage Free-Space Optical Backplane Demonstrator", <i>Applied Optics</i> , V. 37 No. 14 (May 10, 1998), pp. 2895-2914.	
		MacDougal et al., "Wavelength Shift of Selectively Oxidized Al _x O _y -AlGaAs-GaAs Distributed Bragg Reflectors" <i>Photonics Technology Letters, IEEE</i> , V. 9, No. 7 (July 1997), pp. 884-886.	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: November 14, 2008

(use as many sheets as necessary)

Complete If Known

Application Number	09/896,797
Filing Date	6/29/2001
First Named Inventor	John Trezza
Art Unit	2613
Examiner Name	Agustin Bello
Attorney Docket Number	088245-4667

Sheet 10 of 10

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
		Maj et al., "Interconnection of a Two-Dimensional Array of Vertical-Cavity Surface-Emitting Lasers to a Receiver Array by Means of a Fiber Image Guide," <i>Applied Optics</i> , V. 39 No. 5 (Feb. 10, 2000), pp. 683-689.	
		McCormick, F.B., "Smart Pixel Optics and Packaging", <i>IEEE/LEOS 1996 Summer Tropical Meeting: Advanced Applications of Lasers in Materials Processing, 1996/Broadband Optical Networks/Smart Pixels/Optical MEMs and Their Applications</i> , August 5-9, 1996, pp. 45-46.	
		Ohki et al., "Multi-Channel Optical Coupling Between VCSEL Arrays and Multimode Optical Fibers for a 40-Channel Parallel Optical Interconnection Module," <i>1998 IEEE/LEOS Summer Topical Meetings: Broadband Optical Networks and Technologies: An Emerging Reality/Optical MEMS/Smart Pixels/Organic Optics and Optoelectronics</i> , Monterey CA, July 20-24, 1998, pp. 47-48.	
		Quimet et al. "Wirebonding PBGA Manufacturing Challenges From Fine to Ultrafine Pitch," <i>Future Fab International</i> , pp. 297-301, accessed 8/27/2008 at http://web.archive.org/web/20010711092112/http://www.chips.ibm.com/products/interconnect... (12 pages).	
		Proudley et al., "Fabrication of Two Dimensional Fiber Optic Arrays for an Optical Crossbar Switch," <i>Optical Engineering</i> , V. 33 No. 2 (Feb 1994), pp. 627-635.	
		Pu, R., et al., "Thermal Resistance of VCSEL's Bonded to Integrated Circuits," <i>IEEE Photonics Technology Letters</i> , IEEE Inc., New York, V. 11, No. 12, December 1999, pp. 1554-1556.	
		Sasian et al., "Fabrication of Fiber Bundle Arrays for Free-Space Photonic Switching Systems," <i>Optical Engineer</i> , V. 33 No. 9 (Sept. 1994), pp. 2979-2985.	
		Söchtig et al. "Replicated Plastic Optical Components for Optical Micro Systems," <i>1998 IEEE/LEOS Summer Topical Meetings: Broadband Optical Networks and Technologies: An Emerging Reality/Optical MEMS/Smart Pixels/Organic Optics and Optoelectronics</i> , Monterey CA, July 20-24, 1998, pp. 37-38.	
		Tooley, F.A.P., "Challenges in Optically Interconnecting Electronics", <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , V. 2, No. 1 (April 1996), pp. 3-13.	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.